

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of  
Theis et al.

Examiner: **To Be Assigned**

Application No.: **10/594,419**

Art Unit: **To Be Assigned**

I.A. Filing Date: **April 8, 2005**

Title: **Dual-transfected Cells Lines As In Vitro  
Screening Tools For Pharmaceutical  
Compound Profiling: A Model For  
Heptobiliary Elimination**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. 1.56, 1.97 AND 1.98**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 C.F.R. 1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. 1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 C.F.R. 1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 C.F.R. 1.97(h), constitute an admission that any patent, publication or other information referred to is, or is considered to be, material to the patentability of this invention. Pursuant to 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information exists.

- (a) This Information Disclosure Statement is filed within the period set forth in §1.97(b) because it accompanies the new patent application submitted herewith, is filed within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in §1.491 in an international application, or is believed to be filed before the mailing date of a first Office Action on the merits, whichever event occurs last. However, in the event that the first office action has been mailed, the Commissioner is authorized to charge any fees under 37 C.F.R. 1.17(p) or credit any overpayment to Account No. **18-1982**.

- (b) This Information Disclosure Statement is filed after the period set forth in 37 C.F.R. 1.97(b), but is believed to be filed before the mailing date of a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.
- (1) The undersigned attorney certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement;
- (2) The undersigned attorney certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned attorney after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement; or
- (3) This Information Disclosure Statement is accompanied by a transmittal letter in which payment of the fee set forth in §1.17(p) and required by 37 C.F.R. 1.97(c) is authorized.

Respectfully submitted,



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Substitute for form 1449/NPTO			<i>Complete if Known</i>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			<b>Application Number</b>	10/594,419	
			<b>Filing Date</b>	09-26-2006	
			<b>First Named Inventor</b>	THEIS et al.	
			<b>Group Art Unit</b>	To Be Assigned	
			<b>Examiner Name</b>	To Be Assigned	
Sheet	1	of	2	Attorney Docket Number	DEAV2004/0025 - US - PCT

**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/594,419
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				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
				Attorney Docket Number	DEAV2004/0025 - US - PCT

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers, publisher, city and/or country where published	TY
		CUI et al., Vectorial Transport by Double-Transfected Cells Expressing the Human Uptake Transporter SLC21A8 and the Apical Export Pump ABCC2, Molecular Pharmacology, Vol. 60, No. 5, 2001, pp. 934-943	
		HARRIS et al., Taurocholate transport by hepatic and intestinal bile acid transporters is independent of F1C1 overexpression in Madin-Darby canine kidney cells, J. of Gastroenterology & Hepatology, Vol. 19, No. 7, July 2004, pp. 819-825	
		KAGAWA et al., Bile Acid Transport Activity And Intracellular Distribution of PF1C2 Mutants in MDCKII Cells Coexpressing NTCP and BSEP, Hepatology, Vol. 38, No. 4, Suppl. 1, 2003, p.475	
		MITA et al., Vectorial transport of bile salts across MDCK cells expressing both rat Na+-taurocholate cotransporting polypeptide and rat bile salt export pump, Am. J. of Physiology - Gastrointestinal and Liver Physiology, Vol. 288, No. 1, Jan. 2005, pp. G159-G167	
		SASAKI et al., Transcellular Transport of Organic Anions Across a Double-Transfected Madin-Darby Canine Kidney II Cell Monolayer Expressing Both Human Organic Anion-transporting Polypeptide (OATP2/SLC21A6) and Multidrug Resistance-associated Protein 2 (MRPS/ABCC2), J. of Biological Chemistry, Vol. 277, No. 5, Feb. 22, 2002, pp. 6497-6503	
		SUN et al., Sorting of rat liver and ileal sodium-dependent bile acid transporters in polarized epithelial cells, American Journal of Physiology, Vol. 275, No. 5, Part 1, Nov. 1998, pp. G1045-G1055	

Examiner Signature	Date Considered
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